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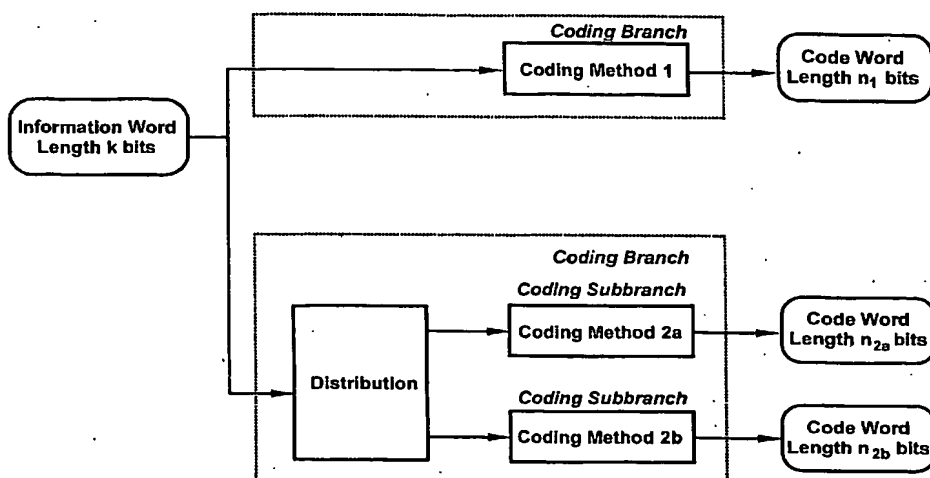
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(54) Title: METHOD, ENCODER AND COMMUNICATION DEVICE FOR ENCODING PARALLEL CONCATENATED DATA



(57) Abstract: A method of encoding data in a code block comprising an information bit sequence in a communication device of a communication system comprising the steps of distributing the bits of the information bit sequence of a first coding branch having a length k into a first plurality of n subsets of information bits, each subset forming a code block segment having a length $k_1 \dots k_n$ respectively. It further comprises the steps of supplementing at least one code block segment with information bits which have also been distributed to at least one different code block segment, such that the sum of the lengths $k_1 \dots k_n$ of the code block segments is larger than the code block length k and encoding the code block segments individually using at least one encoding method. The invention also relates to a correspondingly adapted encoder and communication device to carry out the encoding method.



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